

D'YAKONOVA, M.I.; KHARITONOVA, V.Ya.

Chemical composition of 18 stone meteorites from the collection  
of the Academy of Sciences of the U.S.S.R. Meteoritika no.21:  
52-59 '61. (MIRA 14:11)

(Meteorites)

D'YAKONOVA, M.I.; KHARITONOVA, V.Ya.

Chemical composition of chondri in the Nikol'skoe and Saratov  
meteorites. Meteoritika no.22:71-73 '62. (MIRA 15:8)  
(Meteorites)

D'YAKONOVA, M.I.; KHARITONOVA, V.Ya.

Composition of nickel iron in various types of iron and  
iron and stone meteorites. Meteoritika no.23:42-44 '63.

(MIRA 16:9)

(Meteorites)

D'YAKONOVA, M.I.; KHARITONOVA, V.Ya.

Composition of chondri and also dark and light varieties  
of some chondrites. Meteoritika no.24:37-40 '64.

(MIRA 17:5)

D'YAKONOVA, M.I.

Conference on analytic research methods for meteorites.

Meteoritika no.24:225-226 '64.

(MIRA 17:5)

D'YAKONOVA, M.I.

Chemical composition of seven stone meteorites in the collection  
of the Committee on Meteorites of the Academy of Sciences of the  
U.S.S.R. Meteoritika no.25:129-133 '64. (MIRA 17:9)

KRYZHANOVSKIY, G.N.; LOBAN, K.M.; D'YAKONOVA, M.V.; NEVITSKIY, L.A.  
(Moskva)

Use of antitetanus serum in treating tetanus. Klin.med. no.3:  
66-75 '62. (MIRA 15:3)

1. Iz laboratorii infektsionnoy patologii (zav. - chlen-korrespondent AMN SSSR prof. A.Ya. Alymov) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V. Parin) AMN SSSR i kafedry infektsionnykh bolezney (zav. - deystvitel'nyy chlen AMN SSSR prof. A.F. Bilibin) II Moskovskogo meditsinskogo instituta.

(TETANUS) (TETANUS ANTITOXIN)

L 1592-66 EWT(1)/EWA(j)/EWA(b)-2 BW/RO

ACCESSION NR: AP5024770

UR/0219/64/058/009/0012/0017

AUTHOR: Kryzhanovskiy, G. N.<sup>66</sup>; D'yakonova, M. V.<sup>55</sup>

TITLE: Change in throughput capacity of the spinal column efferent outlet in tetanus intoxication

SOURCE: <sup>66</sup>Byulleten' eksperimental'noy biologii i meditsiny, v. 58. no. 9, 1964, 12-17

TOPIC TAGS: medical experiment, experiment animal, brain, nervous system, neuron, toxicology, neurology

ABSTRACT: Results of experiments on cats with high section of the spinal cord (C<sub>7</sub>-Th<sub>1</sub>) 2 to 6 days after introduction of tetanus toxin into the calf muscle are presented. Throughout capacity of the efferent outlet of the spinal cord rose on the injection side and was expressed by an increase of monosynaptic reflex reproduction in the course of rhythmic stimulation of muscular afferents. High-frequency reproduction of monosynaptic reflexes is especially enhanced in combined mono- and polysynaptic stimulation. Under these conditions, monosynaptic reflexes may be reproduced with 100, 200, and even 300 stimuli per second. The two mechanisms responsible for the observed phenomena are: disturbance of the various types of

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ACCESSION NR: AP5024770

postsynaptic inhibition of the motor neurons, and their additional polysynaptic activation. The latter is markedly intensified in tetanus intoxication. The discussion covers the significance of each of the mechanisms and some aspects of control of the throughput capacity of the spinal cord efferent output. Orig. art. has: 3 figures.

ASSOCIATION: Laboratoriya infektsionnoy patofiziologii nervnoy sistemy Instituta normal'noy i patologicheskoy fiziologii AMN SSSR, Moscow (Laboratory of the Infectious Pathophysiology of the Nervous System, Normal and Pathologic Physiology Institute, AMN SSSR)

SUBMITTED: 27Feb64

ENCL: 00

SUB CODE: LS

NR REF SOV: 011

OTHER: 017

JPRS

Card 2/2

BELOUS, I. Kh., st. nauchn. sotr.; KAZANSKIY, Yu. P.; VDOVIN, V. V.;  
 KLYAROVSKIY, V. M.; KUZNETSOV, V. P.; NIKOLAYEVA, I. V.;  
 NOVOZHILOV, V. I.; SENDERZON, E. M.; AKAYEV, M. S.; BABIN,  
 A. A.; BERDNIKOV, A. P.; GORYUKHIN, Ye. Ya.; NAGORSKIY, M. P.;  
 PIVEN', N. M.; BAKANOV, G. Ye.; GEBLER, I. V.; SMOLYANINOV,  
 N. M.; SMOLYANINOVA, S. I.; YUSHIN, V. I.; D'YAKONOVA, N. D.;  
 REZAFOV, N. M.; KASHTANOV, V. A.; GOL'BERT, A. V.; SIDOROV,  
 A. P.; GARMASH, A. A.; BYKOV, M. S.; BORODIN, L. V.; RYCHKOV,  
 L. F.; KUCHIN, M. I.; SHAKHOV, F. H., glav. red.; SHAKOVSKAYA,  
 L. I., red.

[West Siberian iron ore basin] Zapadno-Sibirskii zhelezorud-  
 nyi bassein. Novosibirsk. Red.-izd. otdel Sibirskogo otd-  
 niia AN SSSR, 1964. 447 p. (MIRA 17:12)

1. Akademiya nauk SSSR. Sibirskoye otdeleniye. Institut geo-  
 logii i geofiziki. 2. Institut geologii i geofiziki Sibirskogo  
 otdeleniya AN SSSR (for Belous, Kazanskiy, Vdovin, Klyarovskiy,  
 Kuznetsov, Nikolayeva, Novozhilov, Senderzon). 3. Institut  
 gornogo dela (for Akayev). 4. Novosibirskoye geologicheskoye  
 upravleniye Ministerstva geologii i okhrany nede SSSR (for  
 Babin, Berdnikov, Goryukhin, Nagorskiy, Piven').

(Continued on next card)

BELOUS, N.Kh.---(continued). Card 2.

Tomskiy politekhnicheskii institut (for Zakharenko, Golbert, Smolyaninov, Smolyaninova). 5. Sibirskiy nauchno-issledovatel'skiy institut geologii, geofiziki i mineral'nogo syr'ya (for Yushin, D'yakonova, Rezapov, Kashtanov, Gol'bert). 6. Institut ekonomiki sel'skogo khozyaystva (for Garmash). 7. Sibirskiy metallurgicheskii institut (for Bykov, Borodin, Ryshkov). 8. Tomskiy inzhenerno-stroitel'nyy institut (for Kuchin). 9. Chlen-korrespondent AN SSSR (for Shakhov).

D'YAKONOVA, N.F., sanitarnyy vrach

Case of food salmonellosis. Gig. i san. 27 no.3:68-69 Mr '62.  
(MIRA 15:4)

1. Iz Saratovskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.  
(FOOD POISONING) (SALMONELLA TYPHIMURIUM)

D'YAKONOVA, N.I.

Characteristics of the clinical course of bacterial dysentery in relation to age-related reactivity; clinical aspects of dysentery in senility. Sbor.nauch.trud.TashGMI 22:179-184 '62.

(MIRA 18:10)

1. Kafedra infektsionnykh bolezney sanitarno-pediatricheskogo fakul'teta (zav. kafedroy - zasluzhennyi deyatel' nauki, doktor med.nauk, prof. A.L.Katsenovich) Tashkentskogo gosudarstvennogo meditsinskogo instituta.

KEKALO, I.B.; LIVSHITS, B.G.; Primala uchastiye D'YAKONOVA, N.P.,  
studentka

Dependence of internal friction and shear modulus in nickel on  
the magnetizing field. Fiz. met. i metalloved. 13 no.4:599-608  
Ap '62. (MIRA 16:5)

1. Moskovskiy institut stali.  
(Magnetic fields) (Nickel--Magnetic properties)

D'YAKOMOVA, E.I., Cand Med Sci -- (diss) "Clinic of brucellosis  
in children and peculiarities <sup>of</sup> in its course at ~~different~~ <sup>various</sup>  
age periods." Tashkent, 1959, 18 pp (Tashkent State Med  
Inst) 250 copies (KL, 35-59, 116)

- 60 -

DYAKONOVA, N.K.

U.S.S.R. / General Problems of Pathology. Tumors

T-5

Abs Jour : Ref. Zh.-Biol. No 2, 1958, No 7681

Author : Dyakonova, N.K.

Inst :

Title : Alkaline Phosphatase in Cancer and other Pathologic Processes of the Breast.

Orig Pub : Uch. Zap. Kiyevsk. N.I. Rentgeno - Radiologich. I Onkologich. IN-TA, 1955, 5, 260-271.

Abstract : Alkaline phosphatase was studied histochemically in surgical and biopsy material from 25 cases of breast cancer and 15 cases of mastopathies. No difference was found between alkaline phosphatase content in cases of fibrous and cystic mastitis and its content in the normal mammary gland. There was a lower alkaline phosphatase content in cases of mastopathy

Card : 1/2



U.S.S.R. / General Problems of Pathology. Tumors.

T-5

Abs Jour : Ref. Zh.-Biol., No 2, 1958, No 7681

Abstract : with papillary proliferation than in the normal breast.  
The most highly differentiated types of adenocarcinoma were  
characterized by a relatively high alkaline phosphatase con-  
tent. The less differentiated types had a lower content.

Card : 2/2

DIYAKONOVA, N.R.; MADZHIDOV, V.M., doctor med. rank, etc. red.;  
CHAYKA, G.V., red.

[Clinical aspects of brucellosis in children] Klinika  
brucelloza u detei. Tashkent, Iodgiz UzSSR, 1964. 154 p.  
(MIKA 111.9)

D'YAKONOVA, S G.

USSR/Cultivated Plants - Potatoes. Vegetables. Melons.

M-3

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91693

Author : D'yakonova, S.G.

Inst : Zernograd State Selection Station.

Title : Experiment with Irrigated Beans.

Orig Pub : Sb. nauchn. rabot Zernogradsk. gos. selekts. st., 1957,  
vyp. 2, 68-70.

Abstract : In 1953-1954 the Rostov Selection Station studied methods of growing beans and conducted variety testing. With irrigation the beans yielded an average crop of 21.6 centners per hectare. The best varieties and samples were those which had a twining bush form (1178, the Donskaya Belaya). -- Ye.A. Okorokova.

Card 1/1

DYAKONOVA, T.L.; VEPRINTSEV, B.N.; CHAPAS, A.F.; BRODSKIY, V.Ya.

Induction of RNA synthesis in the nerve cell by the electric activity. Biofizika 10 no.5:826-831 '65.

(MIRA 18:10)

1. Institut biologicheskoy fiziki AN SSSR. Moskva.

LIKHTER, A.I.; D'YAKONOVA, T.S.

Measuring the effect of pressures of up to 10,000 kg/cm<sup>2</sup> on the  
Hall effect in n-type germanium. Fiz.tver.tela 1 no.1:95-103  
Ja '59. (MIRA 12:4)  
(Germanium) (Hall effect)

MYKUCOVA, T.L.; DIZENCOVA, T.S.

Biochemical changes in media of tryptic digestion in the  
process of toxin formation by the diphtheria bacillus. Trudy  
TomNIIVS 14:195-198 '61. (MIR: 1967)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i  
syvorotok.

FRIGER, S.M.; D'YAKONOVA, T.S.

Detoxication of a diphtherial anatoxin. Trudy Tomskogo IIA  
139-201 '63. (MIRA 179)

1. Tomskiy nauchno-issledovatel'skiy institut vaktsin i  
syvorotok.

SERGEYEV, A.A., otvetstvennyy redaktor; ~~DIYAKONOVA~~, T.Ya., vedushchiy redaktor; SHIKIN, S.T., tekhnicheskiy redaktor

[Safety regulations in petroleum fields and ozocerite mines]  
Pravila bezopasnosti v neftianykh i ozokeritovykh shakhtakh;  
obiazatel'ny dlia vsekh ministerstv, vedomstv, organizatsii i  
predpriatii, vedushchikh razrabotku neftianykh i ozokeritovykh  
mestorozhdenii podzemnym sposobom. Moskva, Gos. nauchno-tekhn.  
izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 279 p. (MLRA 9:9)

1. Russia (1923- U.S.S.R.) Ministerstvo neftyanoi promyshlennosti  
(Oil fields--Safety measures) (Ozocerite)





TKACHEV, Nikolay Ivanovich; GUL', V.Ye., doktor khim. nauk, prof.,  
retsenzent; ROMANOV, A.N., kand. tekhn.nauk, retsenzent;  
KUZ'MINSKIY, R.V., inzh., retsenzent; D'YAKONOVA, V.P.,  
inzh.-khim., spets.red.; MOROZOVA, I.I., red.; KISINA,  
Ye.I., tekhn. red.

[Plastics and their use in the bakery and yeast industry]  
Plasticheskie massy i ikh primeneniye v khlebopekarnoi i  
drozhzhevoi promyshlennosti. Moskva, Pishchepromizdat,  
1963. 222 p. (MIRA 17:1)

BERLIN, A.A.; D'YAKONOVA, V.P.; TIKHOMIROVA, Ye.I.

Polyester acrylate emulsions as binders for cellulose fiber materials.  
Plast. massy no.4:55-57 '65. (MIRA 18:6)

D'YAKONOVA, V.P.; GUL', V.Ye., prof., red.

[Technology of polymeric materials; methodological textbook for practical work] Tekhnologiya polimernykh materialov. Pod red. V.E.Gulia. Moskva, Mosk. tekhnolog. in-t miasnoi i molochnoi promyshl., 1964. 114 p.  
(MIRA 18:12)

DYAKONOVA, V.S., Inzh.; SAKHAROV, A.A., Inzh.; MAL'CHENKO, T.V., Inzh.;  
TELINTKOV, G.A., Inzh.; SVITSEV, G.V., Inzh.; LANTS, Ye.S., Inzh.

Technology of the production, and properties of 17GS steel for  
welded gas and oil pipelines. Stal' 25 no.2:740-744. Ag '65.  
(SUA 1878)

1. Gruzopavetskii metallurgicheskii zavod.

ACC NR: AP6021713 SOURCE CODE: UR/0130/66/000/003/0027/0028

AUTHOR: Monid, A. G.; Benyakovskiy, M. A.; Smolyarenko, D. A.; Sivtsov, G. V.;  
Tkachenko, E. V.; D'yakonova, V. S.; Popov, P. I.; Pakudin, V. P.; Shirinskaya, S. A.;  
Sosipatrov, V. T.

ORG: none

TITLE: Production testing of 08Yu cold rolled low carbon steel

SOURCE: Metallurg, no. 3, 1966, 27-28

TOPIC TAGS: low carbon steel, deoxidation, cold rolling, quality control / 08Yu steel

ABSTRACT: Production testing was carried out on nonaging 08Yu steel sheets at the Cherepovetsky Metallurgical Plant and the results were compared to the norms set by GOST 9045-59. Melting was carried out in single-grooved Martens furnaces of average capacity; deoxidation by ferromanganese was done in steps--50% in the furnace and 50% in the ladle; Al was also introduced in the ladle in quantities of 100-150 g/T of steel while full deoxidation was accomplished by the addition of Al pellets in quantities of 900-1000 g/T. The chemical composition of 08Yu steel compared favorably with the standards set by GOST 9045-59 (experimentally--C=0.04-0.08%, Si=0.01%, Mn=0.32-0.38%, S=0.009-0.016%, P=0.01-0.015%, Cr=0.01-0.03%, Ni=0.03-0.07%, Cu=0.02-0.07% and Al=0.02-0.05%). Ingots weighing 14T were hot rolled in 15-18 passes into slabs of

UDC: 621.771.24

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3  
135-140 mm thickness and 1070-1430 mm width on a 1150 bloom. These slabs were next cold rolled to a maximum of 68% reduction into sheets of 2.5-3.5 mm thickness and 1040-1430 mm width. Annealing was done at 550°C for 10 hrs at a heating rate of 15°/hr and cooling was at 6°/hr. The final operation was a finishing pass at 1.0-1.3% reduction. Tests made on the sheets after aging at 200°C for 30 min substantiated that the steel was nonaging. The sheets performed well in stamping tests which were run under the stamping conditions used at the Gor'ky Automotive Plant. Orig. art. has: 1 table.

SUB CODE: 11,14/

SUBM DATE: none

Card 2/2 *h* 5

UGRYUMOV, V. M., prof.; KONOVALOV, Yu. V., prof.; SPIRIN, B. G., kand.  
med. nauk; IVANOV-DYATLOV, F. G., kand. med. nauk.; MESHCHERYAKOVA,  
A. V.; MIKHEYEVA, Ye. V., kand. med. nauk; FEDOROV, S. N.;  
SHVORNEVA, V. Z.; D'YAKONOVA, V. Ye. (Moskva)

Disorders of respiration and their treatment in tumors of the brain.  
Vop. neirokhir. no.6:46-50 '61. (MIRA 14:12)

(BRAIN—TUMORS) (RESPIRATION)



Review of Applied Mycology  
Vol. 33 Mar. 1954

✓  
D'YAKONOVA (Mme E.). Борьба с пучнистой росой на Крыжовнике. [Control of powdery mildew of Gooseberry.]—Сад и Огород [Orchard & Garden], 1953, 8, pp. 71-72, 1953. ①

Spraying experiments against gooseberry powdery mildew [*Sphaerotheca mors-uvae*; see preceding and next abstracts] were carried out in the U.S.S.R. in 1951. Copper sprays (4 per cent.) on dormant bushes and the soil beneath immediately after the snow-thaw, with applications of manure [*R.A.M.*, 31, p. 129], further sprays before the infection appears or soon after, and then every 10 to 12 days in warm, rainy weather or 20 to 25 days in colder, dry weather until infection disappears completely, give satisfactory control. Where infection is severe the burning of infected berries and leaves and the removal of suckers are recommended.

✓ 16775\* (Experiment on the Chemical Control of Black Rot of the Apple Tree.) Opyt khimicheskoi bor'by s chernym rakom jablani. E. D. D'yakonova. Sad i Ogorod, 1954, no. 8, Aug., p. 76-77.  
✓ Use of Ca naphthenate in kerosene.

SARKISOV, A.Kh., prof.; DZHILAVYAN, Kh.A., kand. vet. nauk; AKULOVA, V.P., kand. vet. nauk; PARFENOV, I.S.; D'YAKONOVA, Ye.V., mladshiy nauchnyy sotrudnik; FAYISHTEYN, B.B., inzh.-khimik; PAVLOV, A.A.

BURBA, L.G.; D'YAKONOVA, Ye.V.

Distribution of leukosis among adult chickens on large poultry farms and the effectiveness of diagnostic methods in this disease.  
Trudy VIEV 26:30-41 '62. (MIRA 16:2)

1. Laboratoriya patologicheskoy anatomii i laboratoriya po izucheniyu bolezney ptits Vsesoyuznogo instituta eksperimental'noy veterinarii.

(Leukosis) (Poultry—Diseases and pests)

D'YAKONOVA, Ye.V., mladshiy nauchnyy sotrudnik

Immunity of chicks obtained from hens immune to an atypical  
form of Newcastle disease. Veterinariia 41 no.1:56-57 Ja '64.  
(MIRA 17:3)

1. Vsesoyuznyy institut eksperimental'noy veterinarii.

D'YAKONOVA, SAVEL'YEVA, Ye. IV.  
Map: ONEZHSKOYE, Lake. OSU-Am2301 S-102

D'yakonova-Savel'yeva, E.N. and Zemlyakov, B. F.:  
Issledovaniya po Chetvertichnoy Geologii na Severnom  
Bereg Onezhskogo Oзера.  
Izvestiya Gosudarstvennogo Gidrologicheskogo Instituta,  
Vyp. 21, p. 26, Leningrad, 1928.  
Library of Congress, Washington, D.C. GB651-L4  
Geological map of the northern shore of the Povenetskaya  
Guba (Gulf) of the Onezhskoye Lake. 1 railroad.  
Scale (approx.) 1:100,000.  
Area - 62°40' - 62°56' N; 34°20' - 34°50' E.

(15)

VERZILIN, Nikita Nikolayevich; DIYAKONOVA-SAVEL'YEVA, Ye.N., red.;  
VASIL'YEV, L.L., red.; IVANOV, A.V., red.; KOLOSOV, N.G., red.;  
MAKAROV, P.O., red.; POLKANOV, A.A., red. [deceased]; POLYANSKIY,  
YU.I., red.; STEPANOV, D.L., red.; SHVETSOVA, E.M., red.;  
YASHCHURZHINSKAYA, A.B., tekhn. red.

[Cretaceous sediments in the northern part of the Fergana Valley  
and their oil potential] Melovye otlozheniia severa Ferganskoi  
vpadiny i ikh neftenosnost'. Leningrad, Gostoptekhizdat,  
1963. 219 p. (Leningradskoe obshchestvo estestvoispytatelei.  
Trudy, vol. 70, no.2). (MIRA 16:12)

D'YAKONOVA-SAVEL'YEVA, Ye.N.

Photomicrographic method of mechanical analysis and its application  
to soils. Trudy Len. ob-va est. 74 no. 1:44-46 '63. (MIRA 17:9)

ALMAZOV, A.M., doktor geogr. nauk; BONDAR, K.; VAGIN, N.F.;  
GEDERIM, V.; D'YAKONU, K. [Diaconu, C.]; MITSE, P. [Mitse, P.];  
STENESKU, V. [Stanescu, V.]; STENESKU, S. [Stanescu, S.];  
MAYSTRENKO, Yu. G.; MIKHAYLOV, V. N., kand. geogr. nauk;  
NIKIFOROV, Ya. D., kand. tekhn. nauk; RAY, I. A.; RODIONOV,  
N. A.; MINENKO, V. M., red.; ZARKH, I. M., tekhn. red.

[Hydrology of the region of the Danube estuary] Hidrologiia  
ust'evoi oblasti Dunaia. [By] A.M. Almazov i dr. Moskva,  
Gidrometeoizdat (otdelenie), 1963. 382 p. (MIRA 17:1)

1. Gosudarstvennyy okeanograficheskiy institut Glavnogo  
upravleniya gidrometeorologicheskoy sluzhby pri Sovete  
Ministrov SSSR (for Mikhaylov, Nikiforov, Rodionov).
2. Dunayskaya gidrometeorologicheskaya observatoriya Uprav-  
leniya gidrometeorologicheskoy sluzhby Ukr.SSR (for Vagin, Ray).
3. Institut gidrobiologii AN Ukr.SSR (for Almazov, Maystrenko).
4. Nauchno-issledovatel'skiy institut gidrotekhniki Komiteta  
vodnogo khozyaystva Rumynskoy Narodnoy Respubliki (for Bondar,  
Gederim, D'yakonu, Mitse,, Stenesku, V., Stenesku, S.).



D' YAKONOVA-SAVEL' YEVA, Ye.N.

Genesis and stratigraphic position of Northern Caucasian Red Beds  
in relation to the discovery of higher Fusulina. Trudy Len.ob-va  
est. 68 no.2:102-149 '51. (MLBA 9:3)  
(Caucasus, Northern--Foraminifera, Fossil) (Caucasus, Northern--  
Geology, Stratigraphic)

15-57-12-17295

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 12,  
p 91 (USSR)

AUTHOR: D'yakonova-Savel'yeva, Ye. N.

TITLE: Variegated Formation of Eastern Crimea (Pestrotsvetnaya  
tolshcha vostochnogo Kryma)

PERIODICAL: Tr. Leningr. o-va yestestvoispyt., 1957, Vol 69, Nr 2,  
pp '68-80

ABSTRACT: The author describes a small series of variegated  
volcanic rocks which can be seen outcropping in separate  
places between the Kiik Altam Cape and the Kara Dag  
Massif (the latter appears to be the analogue of this  
formation in age and origin). Full section of the  
variegated formation was studied in the eastern part  
of the Yanisharskaya burkhta (Bay). At the base of the  
formation lie argillaceous slates with marls, which the  
author refers to the Bajocian. /In the summer of 1956  
these deposits produced the imprints of Monotis  
caucasica Witt., which placed them in the Upper

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15-57-12-17295

## Variegated Formation of Eastern Crimea (Cont.)

Triassic. (Editor)7. Above the slates lies a sequence of numerous tuffaceous sandstones (22 m) from which Parkinsonia parkinsoni Sow., Posidonia buchi Roem., and other forms have been gathered; these determined the age of these sandstones as Bajocian. Above these lie loose, brown fragmental tuffaceous deposits (12 m) which are covered by a layer (22 m) of a similar composition, but containing continuous interlayers. Farther up follow the layers (31 m) of coarsely fragmental andesite breccia (5 m) which is characterized by its pyrite-bearing lava cement. This is followed by the sandstones alternating with argillaceous shales (14 m), by dacitic lava and by clay formations of jasper-like color (10 m). These sandstones are overlain by Bathian clays. The formation is not extensive laterally. As it approaches the Kara Dag, its andesite-dacite lava sheets of cenotypal appearance become ever more dominant. The author investigates in detail the structure of the Kara Dag Massif as well as the conditions under which the Kara Dag lavas and variegated rocks were formed. The greater part of the layers are gray, brown or green, the color depending on the pigmentation of the mineral and rock fragments or of the cement. The volcanic products are chemically related to

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15-57-12-17295

Variegated Formation of Eastern Crimea (Cont.)

the varieties of andesitic and dacitic magma. The variegated formation is associated with the zones of underwater extrusions which originated in the same epoch as the Kara Dag group (Bajocian-Bathian). The period of its formation corresponds to the first stage of extrusion in the cenotype cycle. The formation of dacite and ande ite sheets and of necks and dikes which intersect the old stratified series occurred in the second stage of the same cycle. After a period of rest of volcanic activity, which corresponds to the deposition of the Bathian clay, there followed an outpouring of paleoliparites which in turn were followed by the outpourings of Lower Callovian. The outpourings and the extrusions of the volcanic products which formed the variegated formation and the whole cenotype series of the Kara Dag are associated with a center of basic magma, which was located to the east from the center of origin of the basic sodium magma which has produced the old series (western part of the Kara Dag Massif). The variegated formation of eastern Crimea represents a typical geosynclinal formation of the Middle Jurassic. It exhibits no features found in the deposits of the fore-mountain

Card 3/4

15-57-12-17295

Variegated Formation of Eastern Crimea (Cont.)

flextures. In this respect it cannot be compared with the other  
typical red and variegated formations.

Card 4/4

V. M. Tseysler

D'YAKONOVA-SAVEL'YEVA, Ye.N.

F.IU.Loewinson-Lessing's pedagogic work. Vop. magm. 1 metam.  
1:20-25 '63. (MIRA 16:8)

(Loewinson-Lessing, Frants Iul'evich, 1861-1939)

DIAGNOSIS, S. I.

USSR/Medicine - Post-Transfusion Hepatitis Dec 53

"The Prophylaxis of Post-Transfusion Virus Hepatitis,"  
Prof S. I. Sherman, S. I. Diakonovich, I. A.  
Yurikas, A. V. Blinova, A. V. Alekseyeva, R. S. Ger-  
mant, Leningrad Sci-Res Inst of Blood Transfn; Div  
of Virol, Inst Exptl Med, Acad Med Sci USSR, Len-  
ingrad

Klin Med, Vol 31, No 12, pp 57-61

Describes results of lab work on post-transfusion  
hepatitis conducted in 1946-1952. States that lab  
findings revealed the superiority of the qualitative  
bilirubin blood test (direct reaction) over the

274T28

quantitative test in the detn of a pre-jaundice or  
post-jaundice condition in blood donors.

DIKUNOVICH, S. I.

Country : USSR  
 Category : Human and Animal Physiology, Blood  
 Abs. Jour. : Ref Zhur - Biol., No. 2, 1959, No. 7948  
 Author : Rafal'son D.; Ashkinazi L.; Diakanovich S.  
 Institut. : --  
 Title : The Role of the Central Nervous System in the Mechanism of Blood Regeneration in Donors.  
 Orig Pub. : V sb.: Aktual'n. vopr. pereliv. krovi. Vyp. 5, Leningrad, 1957, 14--21  
 Abstract : The study was performed on 175 donors between the ages of 21 and 50 who had been donors for at least 3 years. Normal regeneration of blood was observed in 100 donors after they had given blood; in 75, regeneration was diminished. According to type of higher nervous activity, the donors were designated as strong, weak and intermediate. Bromine and strychnine were used to alter the reaction of the organism to giving blood. When Br was given (30 ml of a 3% solution 1 hour before blood was taken), in those donors with reduced blood regeneration the fall



Country	: USSR	T
Category	: Human and Animal Physiology, Blood	
Abs. Jour.	: Ref Zhur - Biol., No. 2, 1959, No. 7948	
Author	:	
Institute	:	
Title	:	
Orig. Pub.	:	
Abstract	: in Hb, erythrocyte and reticulocyte levels immediately after 280 ml of blood was taken and five days later was negligible in comparison with that seen in the donors which did not receive Br. The same result was observed in donors with normal and retarded regeneration after 400 ml of blood was taken. Donors with retarded blood regeneration which did not receive Br showed a sudden drop in red blood indices after losing 280 ml of blood. Strychnine exerted a regulatory effect on donors	
Card:	2/4	

Country : USSR  
Category : Human and Animal Physiology, Blood  
Abs. Jour. : Ref Zhur - Biol., No. 2, 1959, No. 7948  
Title :  
Orig Pub. :  
Abstract : with reduced regeneration (10) in the sense of equalizing the red cell indices following the loss of blood. A diminished regenerative capacity was observed most often in the weak type of donor. Blood regeneration in donors after giving blood is accomplished in the presence of the regulatory influence of the central nervous system. Pharmacological agents can to a certain extent affect the reaction of the donor's blood following blood loss and the time required for replacement of the blood. When the regenerative capacity of the blood is 3/4  
Card:

Country	: USSR	T
Category	: Human and Animal Physiology, Blood	
Abs. Jour.	: Ref Zhur - Biol., No. 2, 1959, No. 7948	
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	: poor, it is useful to prescribe Br in combination with Fe preparations.--M.I.Yershovich	

Card: 4/4

И. Я. Яков, А.

VOROPAYEV, V.; D'YAKOV, A.

Meeting on work organization and remuneration on collective  
farms. Vop.ekon. no.5:141-144 My '57. (MLRA 10:7)  
(Farm management) (Wages)

MOISEYEV, Nikolay Nikolayevich; ANDRONOV, Ivan Georgiyevich; D'YAKOV, A.,  
red.; URBISINOV, A., tekhn. red.

[Fall irrigation of orchards] Osennii poliv sadov. Alma-Ata,  
Kazsel'khozgiz, 1963. 45 p. (MIRA 17:3)

D'YAKOV, A.; RYABCHINSKIY, A.

Traffic organization and safety. Avt. transp. 42 no.11:41-43  
N '64. (MIRA 17:12)

D'YAKOV, A.A.; BEYM, D.F.

The NT shoe glue. Leg. prom. 18 no.5:49-50 My '58. (MIRA 11:6)

1. Glavnyy inzhener fabriki "Uralobuv'" (for D'yakov). 2. Nachal'-  
nik Tsentral'noy laboratorii fabriki "Uralobuv'" (for Beym).  
(Glue)

D'YAKOV, A.A., inzh.; KONIVETSKIY, M.I., inzh.

Lining mine shafts without using bearing sets; Dzhezkasgan copper  
mine. Shakht, stroi. no.4:25-26 '58. (MIRA 11:6)  
(Shaft sinking) (Mine timbering)  
(Dzhezkasgan--Copper mines and mining)



SOV-127-58-10-8/29

AUTHORS: Konivetskiy, M.I. and D'yakov, A.A., Engineers

TITLE: The Strengthening of Vertical Shafts of Mines Without Main Supporting Rims (Krepleniye vertikal'nykh stvolov shakht bez opornykh ventsov)

PERIODICAL: Gornyy zhurnal, 1958, Nr 10, pp 29-31 (USSR)

ABSTRACT: When pits 55 and 57 of the Dzhezkazgan Copper Mine were sunk, their vertical shafts were strengthened with concrete without installing supporting rims. The concrete was poured into the portable metallic molds installed in the pits which were then gradually lowered in pace with the sinking of the shaft. In such a way, temporary strengthening was not needed and the whole operation made a considerable saving of money and labor. In 6 months, 278 m of both shafts were strengthened without the supporting rims. The cost of 1 m of shaft was 1,030 rubles less, the speed of sinking increased by 11% and the working productivity by 6%. There is 1 diagram and 1 Soviet reference.

Card 1/2

SOV-127-58-10-8/29  
The Strengthening of Vertical Shafts of Mines Without Main Supporting  
Rims

ASSOCIATION: Karagandinskiy Institut Giprouglegormash (The Karaganda  
Giprouglegormash Institute)

1. Mining industry--USSR
2. Underground structures--Design
3. Concrete--Applications

Card 2/2

D'YAKOV, A.A.

"Uralobuv'" Factory on the road of technological progress,  
Kozh.-obuv. prom. 6 no.7:32-38 Jl '64. (MIRA 17:8)

D'YAKOV, A.A.; ROZENBLIUM, R.G.

Determination of hypophosphite in solutions of chemical nickel  
plating. Zav. lab. 30 no.10:1216 '64. (MIRA 18:4)

USSR.

The electroreduction of persulfate. A. A. D'yakov.  
*Doklady Akad. Nauk S.S.S.R.* 93, 685-7 (1953).—The  
kinetics were studied for the reduction of persulfate on rotat-  
ing cathodes of different metals (Cd, Pt, Cu, Al, and Mg) in  
dil. solns. The rate of reduction was followed from the  
polarization curves. The effectiveness of the cathodes was as  
follows (this included data by other authors): Hg, Cu, Pt,  
Ru, Cd, Al, Mg. J. Rostler Leach.

62

D'YAKOV, A. [A.] PROKOF'YEV, Yu.

Direct current electron tube voltmeter. Radio no. 7:61 J1'55.  
(Voltmeter) (MLRA 8:10)

107-57-1-54/60

AUTHOR: D'yakov, A. (Moscow)

TITLE: Transformerless Rectifier. Experience Exchange (Bestransformatornyy vypryamitel'. Obmen opytom)

PERIODICAL: Radio, 1957, Nr 1, p 58 (USSR)

ABSTRACT: A simple circuit switched by an octal tube-and-socket connector is suggested for rectifying a 127- or 220-v AC voltage supplying radio equipment. The DC output voltage is 200 v.

There is 1 figure in the article.

AVAILABLE: Library of Congress

Card 1/1

D'YAKOV, A.A.; KOSTOUSOVA, T.I.

Dependence of hydrogen overvoltage on aluminum on the state  
of the aluminum surface and concentration of the acid.

Zhur.fiz.khim. 34 no.7:1610-1615 J1 '60.

(MIRA 13:7)

1. Ural'skiy gosudarstvennyy universitet im. A.M.Gor'kogo,  
Sverdlovsk.

(Overvoltage) (Aluminum) (Hydrogen)



D'YAKOV, A.A.

New developments in the organization of the cutting and stamping  
shops. Kczh.-obuv.prom. 4 no.4:5-6 Ap '62. (MIRA 15:5)  
(Shce manufacture)

KUZNETSOV, V.A.; ZAGAYNOVA, L.S.; D'YAKOV, A.A.; KOTEGOVA, A.A.

Electrocapillary phenomena on zinc-tin alloys and the surface tension  
of these alloys in vacuo. Elektrokimiia 1 no.6:676-681 Je '65.  
(MIRA 18:7)

1. Ural'skiy gosudarstvennyy universitet imeni Gor'kogo.

D'YAKOV, A.A.; ROZENBLYUM, R.G.

Kinetics of chemical nickel plating (conditions of a  
single use of solution). Zhur. prikl. khim. 38 no.3:589-  
596 Mr '65. (MIRA 18:11)

1. Submitted June 22, 1963.

*D'yakov, A.B.*  
USSR/Cultivable Plants - Grains.

M-2

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10766  
Author : D'yakov, A.B.  
Inst : ~~USSR Academy of Sciences~~  
Kuban' Agricultural University.  
Title : The Influence of Water Regime of the Soil on Density and  
Other Elements of Rice Yield.  
Orig Pub : Sb. stud. nauchn. rabot. Kubansk. s.-kh. in-t, 1956 (1957)  
No 1, 107-110.  
Abstract : No abstract.

Card 1/1

PROKOF'YEV, A.A.; D'YAKOV, A.B.

Leaf apparatus and accumulation of reserve substances in sunflower seeds. Bot. zhur. 46 no.10:1433-1443 O '61. (MIRA 14:9)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva AN SSSR,  
Moskva i Vsesoyuznyy nauchno-issledovatel'skiy institut maslichnykh  
i efirnomaslichnykh kul'tur, Krasnodar.  
(Sunflower seed) (Leaves)

D'YAKOV, A.G.; BARTOSHINSKIY, Z.V.

Transportation and ~~erosion~~ of diamonds in alluvial placers of  
western Yakutia. Trudy IAFAN SSSR. Ser.geol. no.6:123-135  
'61. (MIRA 14:9)

(Yakutia--Diamonds)

ASHIKHMIN, D.A., inzh.; VERETENNIKOV, V.F., inzh.; GLAZYRIN, I.A., inzh.;  
D'YAKOV, A.G., inzh.; MINGALEV, Yu.A., inzh.

Scraper conveyor with a bottom carrying arm for hauling hard,  
large-size ore. Gor.zhur. no.10:54-55 0 '64.

(MIRA 18:1)

1. Nauchno-issledovatel'skiy i proyektno-konstruktorskiy institut  
gornogo i obogatitel'nogo mashinostroyeniya, Sverdlovsk.

*D-17K06.17.27*  
D'YAKOV, A.M., inzh.

Determining the efficient design of a press tool for free bending.  
Sudostroenie 22 [i.e.23] no.10:47-50 0 '57. (MIRA 11:2)  
(Plate metal work) (Dies (Metal working))



DESHPANDE, S.D.; VELISHEV, A.A. [translator]; GOSPODINOV, G.V. [translator];  
FEDORENKO, M.K., redaktor; D'YAKOV, A.M., redaktor; RYABCHIKOV, A.M.,  
redaktor; DUNIN, M.S., redaktor; LEBEDEV, V.D., redaktor; SPIDCHENKO,  
K.I., redaktor; GERASIMOVA, Ye.S., tekhnicheskiy redaktor

[Western India; a regional geography. Abridged translation from the  
English] Zapadnaia Indii; geograficheskii obzor. Sokrashchennyi  
perevod s angliiskogo A.A.Velizheva i G.V.Gospodinova. Pod red. M.K.  
Fedorenko. Moskva, Izd-vo inostranoi lit-ry, 1956. 261 p. (MLRA 9:11)  
(India--Physical geography)

RASTYANNIKOV, Viktor Georgiyevich; KUZ'MIN, Stanislav Alekseyevich;  
D'YAKOV, A.M., otv.red.; FEDYUSHOVA, V.H., red.isd-va; NOVIKHKOVA,  
N.D., tekhn.red.

[Economic problems of Pakistan] Problemy ekonomiki Pakistana.  
Moskva, Izd-vo vostochnoi lit-ry, 1958. 214 p. (MIRA 12:2)  
(Pakistan--Economic conditions)

D'YAKOV, A.M., kand.istor.nauk, otv.red.; ILYUSHENKO, V.I., red.izd-va;  
FEDYUSHOVA, V.N., red.izd-va; TSIGEL'MAN, L.T., tekhn.red.

[Pakistan; its history and economy] Pakistan; istoriia i  
ekonomika. Moskva, Izd-vo vostochnoi lit-ry, 1959. 217 p.  
(MIRA 12:4)

1. Akademiia nauk SSSR. Institut vostokovedeniya.  
(Pakistan--Economic conditions)

MEL'MAN, S.M.; D'IYAKOV, A.M., doktor istor.nauk, otv.red.; PAVLOV, V.I.,  
red.izd-va; NEGRIMOVSKAYA, R.A., tekhn.red.

[Foreign monopolistic capital in the economy of India] Inostrannyi  
monopolisticheskii kapital v ekonomike Indii. Moskva, Izd-vo  
vostochnoi lit-ry, 1959. 234 p. (MIRA 13:1)  
(India--Investments, Foreign)  
(India--Economic conditions)

KUZ'MIN, Stanislav Alekseyevich; D'YAKOV, A.M., otv.red.; LIOZNOV, A.G.,  
red.izd-va; KRASHAYA, A.K., tekhn.red.

[Economic development of Pakistan and the foreign market] Ekono-  
micheskoe razvitie Pakistana i vneshnii rynok. Moskva, Izd-vo  
vostochnoi lit-ry, 1960. 90 p. (MIRA 13:8)  
(Pakistan--Economic conditions) (Pakistan--Commerce)

D'YAKOV, A.M., otv.red.; LEVKOVSKIY, A.I., otv.red.; MEL'MAN, S.M.,  
otv.red.; MARUNOVA, I.B., red.izd-vs; KRASNAYA, A.K.,  
tekhn.red.

[Economy of modern India] Ekonomika sovremennoi Indii. Moskva,  
Izd-vo vostochnoi lit-ry, 1960. 429 p. (MIRA 13:8)

1. Akademiya nauk SSSR. Institut vostokovedeniya.  
(India--Economic conditions)

LEVKOVSKIY, Aleksey Ivanovich; ~~D'YAKOV, A.M.~~, otv.red.; TUZMUKHAMEDOV, R.A.,  
red.; FRIDMAN, L.Sh., red.; YAZLOVSKAYA, E.Sh., tekhn. red.

[Characteristics of the development of capitalism in India]  
Osobennosti razvitiia kapitalizma v Indii. Moskva, Izd-vo  
vostochnoi lit-ry, 1963. 587 p. (MIRA 16:6)  
(India--Economic conditions)

LEVKOVSKIY, Aleksey Ivanovich; D'YAKOV, A.M., otv. red.;  
TUZMUKHAMEDOV, R.A., red.; FRIDMAN, L.Sh., red.;  
YAZLOVSKAYA, E.Sh., tekhn. red.

[Characteristics of the development of capitalism in India]  
Osobennosti razvitiia kapitalizma v Indii. Moskva, Izd-vo  
vostochnoi lit-ry, 1963. 588 p. (MIRA 16:4)  
(India--Capitalism)



TALYZIN, Fedor Fedorovich; DIYAKOV, I.M., etc. red.; FRIDMAN, L.Sh.,  
red.

[Through India and Ceylon] To India : Tsellona. Moskva,  
Nauka, 1964. 130 p. (MIRA 18:1)

KARPOV, Ivan Ivanovich; MARGULIS, Vladimir Solomonovich; DYAKOV,  
A.H., red.

[Dressing of iron-bearing quartzite from the Krivoy Rog  
Basin] Obogashchenie zhelezistykh kvartsitov Krivbassa.  
Dnepropetrovsk, Dnepropetrovskoe knizhnoe izd-vo, 1964.  
39 p. (MIRA 17:10)

REZNICHENKO, Pavel Trofimovich, dots., kand. tekhn. nauk; CHEKHOV,  
Anatoliy Petrovich, dots., kand. tekhn. nauk; DYAKOV,  
A.N., red.

[Chemicalization of building] Khimizatsiia stroitel'stva.  
Dnepropetrovsk, "Fromin'" 1965. 46 p. (MIRA 18:12)

D'YAKOV, A.P.

Combined work temas in housing construction. Biul.stroi.tekh. 10 no.13:13-14  
Ag '53. (MLRA 6:10)

1. Trest no.48.

(Building)

D'YAKOV, A.S., inzh. po ratsionalizatsii

Multiroller supports in inclined workings. Ugol' Ukr. 7 no.6:26  
Je '63. (MIRA 16:8)

DYAKOV, A. V.

2

78-411  
 Dyakov, A. V. Inverse temperature v Gornol Shoril. [Temperature Inversions on Shorala Mountain.] *Meteorologiya i Gidrologiya*, No. 3:131-133, March 1940. 4 tables. DWS, DLC--  
 The climate of the Shorala mountain region is characterized by strong winter inversions. Monthly mean temperature differences calculated from data for two stations, Akhgun and Anzias, with a difference in elevation of 90 m, show a predominance of inversions in all months except May, to early August, the strongest and most frequent being in December and January. For these two months the frequency of inversions  $>1$ ,  $>5^{\circ}\text{C}$  is given for each winter 1934/35-1936/37, along with a listing of the actual observations of temperature and weather (7 a.m.) at each station. The greatest inversion shown amounts to  $20^{\circ}\text{C}$  in 90 m. Synoptic conditions under which strong inversions occurred are briefly described. *Subject Headings:* 1. Temperature inversion frequencies 2. Altal Mts., U.S.S.R.--R.S.Q.

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DISKIN, Ye.I.; D'YAKOV, A.V.; KLIYENTOVSKIY, G.B.; PSAKHIS, Z.Ya.;  
SUKHANOV, A.P.; YEFREMOVA, Ye.V., red.; FANSHMIDT, F.Ya.,  
tekhn. red.

[Modeling of automobiles] Avtomobil'nyi modelizm. Pod ob-  
shchei red. Z.IA. Psakhisa. [By] E.Diskin i dr. Moskva, Izd-vo  
DOSAAF, 1962. 391 p. (MIRA 15:10)  
(Automobiles--Modeling)

POLUYANOV, Viktor Trofimovich; D'YAKOV, Anatoliy Yakovlevich;  
KANTER, A.I., red.

[Everybody likes the beautiful, the useful, the durable,  
the cheap ("Motto - perfect quality")] Vsem priyatno kra-  
sivoe, poleznoe, prochnoe, dashavoe ("Deviz - otlichnoe  
kachestvo"). Moskva, Izd-vo "Znanie," 1965. 79 p. (Na-  
rodnyi universitet: Tekhniko-ekonomicheskii fakul'tet,  
no.5) (MIRA 18:8)



LDyakov, B.A.

PLATE 1 BOOK EXHIBITIONS 800/857

Moscow. New machine-technique propaganda items V. E. Desninskogo  
Vysokoproduktivnaya tekhnologicheskaya osnastka (high-productivity  
auxiliary processing equipment) Moscow, MASHGIZ, 1960. 175 p.  
8,000 copies printed.

Sponsoring Agency: Otdelchestvo po razvirovaniyu politicheskikh i  
nauchnykh snaryazheniy.

Ed. (title page): V. V. Rus'vina Ed. (inside book): S. I. Mervinskii;  
Tech. Ed.: L. P. Gorbunova; Managing Ed.: for literature on Metal-  
working and Machine-Tool Construction (Mashgiz): V. V. Khramovskii,  
Engineer.

PURPOSE: This collection of articles is intended for technical personnel  
engaged in the development of auxiliary equipment for metal processing.  
CONTENT: This collection contains articles dealing with modern machine-  
tool auxiliary equipment methods of manufacture, and with the in-  
troduction of such equipment into production. The engineering and  
economic aspects of the use of standardized auxiliary equipment are  
also discussed. No personalities are mentioned. References follow  
each article.

Chernyshev, V. M. Standard-Unit Machine-Tool Fixtures for Lat Production  
The author discusses the advantages of group machining of parts  
employing fixtures assembled from standard parts and subassemblies.

Khramovskii, V. V., and V. A. Kuznetsov. Experience Gained in the Use of  
Standard-Unit Fixtures in Experimental and Lat Production the assembly  
The authors discuss organization of the workshop for the use of  
of universal standard-unit fixtures. Mounting methods are also  
discussed.

Kozlov, G. G. Pneumatic Clamping Devices for Universal Standard-Unit  
Fixtures  
Kuznetsov, V. A. Development and Introduction of Adjustable Machine-Tool  
Fixtures  
The author describes fixtures which can be easily adapted for use on  
similar parts by rapid replacement of certain elements of the fixtures.

Levin, V. B. Trend Toward Standardization of Machinery-Manufacturing  
Processes  
The author advocates the spread of standardization programs in the  
planning, designing, and manufacturing of parts and machinery. He  
also urges the reduction of time-consuming practices of individual  
adjustment.

Rebinder, V. M. Introduction of Step-by-Step Stamping Into Experimental  
and Tool-Set Production  
The author describes a method of cutting by stamping with specially  
constructed dies of his own design. By means of combination a set  
of 6 to 10 dies can produce a large variety of parts.

Yakovlev, N. P. [Engineer]. Universal Auxiliary Processing Equipment  
for Experimental and Firm Production  
In this article consecutive stamping of sheets for electrical machines  
and the manufacture of parts from plastics are described.

Pliginskii, B. A. [Engineer], and Yu. M. Zvezlov [Engineer]. Use of Re-  
inforced Concrete for Machine-Tool Auxiliary Processing Equipment  
The author describes the use of such materials as cement, plastics,  
silicon-organic compounds, and rubber in the manufacture of standard-  
unit equipment.

Kuznetsov, V. A. Standardization of Fixtures for Welding and Assembly  
Work  
The article deals with classification of standard-unit fixtures for  
welding and assembly work. Methods of working with hydraulic, mechanical,  
and pneumatic clamping devices is described.

Pliginskii, B. P. Use of Reinforced Concrete for Making Scaffolds for  
Production Work  
The article deals with the use of reinforced-concrete prefabricated  
blocks for scaffolding in erection work. The use of such blocks  
affords considerable economy of metals, ordinarily used for  
scaffolding.

Levin, V. P. Standardization of Metal-Setting and Auxiliary Tools  
The article deals with the standardization of carbide-tipped and  
single cutters for boring bars and milling heads. The standardiza-  
tion of other types of tipped cutting tools is also discussed.

ROSLAVTSEV, A.V., kand.med.nauk; D'YAKOV, B.A., kand.tekhn.nauk

Consultations on readers' letters. Svar. proizv. no.9:48  
S '62. (MIRA 15:12)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut glaznykh  
bolezney im. Gel'mgol'tsa (for Roslavitsev). 2. Vsesoyuznyy  
nauchno-issledovatel'skiy institut elektrosvarochnogo  
oborudovaniya (for D'yakov).

(Electric welding--Safety measures)

31169

S/048/62/026/002/003/032  
B101/B102

24.6820

AUTHORS: D'yakov, B. B., and Rogachev, I. M.

TITLE: Intensities of Auger K-electron groups of rare-earth elements

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26, no. 2, 1962, 191-196

TEXT: The energy of Auger electrons was measured with a magnetic-lens beta-ray spectrometer of the Kafedra yadernoy spektroskopii LGU (Department of Nuclear Spectroscopy of LGU). The electrons were accelerated with an electric field on the section of the flight-path section parallel to the axis of the apparatus between two lenses. The counter, filled with argon and alcohol vapor (ratio 1:1, pressure 26 mm Hg), was sealed by a collodion film with a transmission threshold of 3-4 kev. Electrons of more than 27 kev were completely transmitted. The apparatus was calibrated by the A- and F-lines of ThB and the L 58-line of Dy<sup>159</sup>. The relative half-width of these lines was 2.0 %. Samples were obtained by chromatographic separation of the rare earths from a tantalum target which was bombarded

Card 1/3

34169

S/048/62/026/002/003/032

B101/B102

Intensities of Auger K-electron...

with 660-Mev protons in the synchrocyclotron of OIYaI. Results of measure-

ment:  $\text{Ce}^{139}$ : (K - LL):(K - LX) = 1.0: (0.47  $\pm$  0.06). The K - XY group was

not separable from the background.  $\text{Nd}^{140}$ : (K - LL):(K - LX):(K - XY)

= 1: (0.55  $\pm$  0.03): (0.13  $\pm$  0.03).  $\text{Sm}^{145}$ : (K - LL):(K - LX) = 1: (0.4  $\pm$  0.1).

The K - XY group did not appear.  $\text{Dy}^{159}$ : (K - LL):(K - LX) = 1: (0.46  $\pm$  0.05).

The K - XY group did not appear.  $\text{Ho}^{160*}$ : (K - LL):(K - LX) = 1: (0.53  $\pm$  0.15).

K - XY could not be determined owing to the superposition of the L60 and

K86 lines.  $\text{Er}^{165}$ : (K - LL):(K - LX):(K - XY) = 1: (0.55  $\pm$  0.05): (0.09  $\pm$  0.03).

$\text{Tu}^{166}$ : (K - LL):(K - LX):(K - XY) = 1: (0.59  $\pm$  0.06): (0.24  $\pm$  0.07). Further findings:

La 0.44  $\pm$  0.10

Pr 0.55  $\pm$  0.03

Pm 0.55  $\pm$  0.10

Tb 0.46  $\pm$  0.05

Dy 0.59  $\pm$  0.10

Ho 0.55  $\pm$  0.06

Er 0.59  $\pm$  0.06

0.13  $\pm$  0.02

0.09  $\pm$  0.03

0.24  $\pm$  0.07

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Intensities of Auger K-electron...

34169  
S/048/62/026/002/003/032  
B101/B102

The data for (K - LX): (K - LL) fit the experimental curve of M. A. Listengarten (Izv. AN SSSR, Ser. fiz., 24, 1041 (1960)) satisfactorily. M. K. Nikitin, G. S. Kotykhin, and G. S. Novikov are thanked for their chromatographic work. There are 4 figures, 1 table, and 12 references: 9 Soviet and 3 non-Soviet. The two references to English-language publications read as follows: Gray, P., Phys. Rev., 101, 1306 (1956); Burford, A. O., Perkins, J. F., Haynes, S. K., Phys. Rev., 99, 3 (1955).

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Card 3/3

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[Origin of oil] Proiskhozhdenie nefi. Pod red. M.F.Mirchinka i  
dr. Moskva, Gos.nauchno-tekhn.izd-vo nefianoi i gorno-toplivnoi  
lit-ry, 1955. 483 p. (MLRA 9:1)

1. Chlen korrespondent AN SSSR (for Mirchink)  
(Petroleum geology)

This book, which is the work of many authors, presents modern views on the origin of petroleum. It describes the development of views on this subject and considers the main theses of the modern theory of the organic origin of petroleum. The book is intended for a wide circle of geologists in the petroleum, gas and other branches of industry.

D'YAKOV, B.F.

Problem of oil-producing strata. Trudy VNIIGRI no.83:119-132 '55.  
(Petroleum geology) (MLRA 8:10)

D'YAKOV, B.F.; TIMOFEEV, B.V.

Age of metamorphic rocks of Kamchatka Peninsula. Trudy VNIGRI  
no.95:165-170 '56. (MLRA 9:12)

(Kamchatka--Rocks, Crystalline and metamorphic)



D'YAKOV, B.F.

Facial analysis of the Tertiary deposits and basic paleogeographic features of the Tigil' region in western Kamchatka. Trudy VNIIGRI no.102:180-242 '57. (MLRA 10:9)

(Tigil region--Geology)

D'YAKOV, B.F.; GOLUBKOV, I.A.

Brief outline of the activity of the All-Union Petroleum  
(Scientific Research) Geological Prospecting Institute.  
Trudy VNIGRI no.132:3-13 '59. (MIRA 17:1)

S/009/60/000/002/0.1/002  
3027/3076

AUTHORS: Aizenshtadt, G. Ye.-A., Grinberg, I. G., D'yakov, B. F.,  
Nevolin, N. V., Trofimov, N. K., Cherepanov, N. N.,  
Eventov, Ya. S.

TITLE: Petroleum and Gas Prospects of Western Kazakhstan and  
Principal Trends of Regional Exploration and Prospecting

PERIODICAL: Geologiya nefti i gaza, 1960, No. 2, pp. 10 - 15

TEXT: In accordance with the resolutions of the XXI Party Congress of the CPSU, the petroleum industry in Kazakhstan was assigned the task of producing large industrial petroleum and gas stocks within the Seven-year Plan. Western Kazakhstan includes the Caspian depression with one of the largest salt domes in the world. Prospecting for petroleum and gas in this territory is to be carried out in four directions corresponding to geological formations: 1) in the complex of salt domes above the salt layer; 2) in the Paleozoic zone beneath the salt layer; 3) in the Mesozoic zone of North Ustyurt and the Buzachi peninsula; and 4) in the Mesozoic zone

Card 1/3

Petroleum and Gas Prospects of Western  
Kazakhstan and Principal Trends of Regional  
Exploration and Prospecting

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of South Mangyshlak and South Ustyurt. Two million meters of deep drilling will be necessary. The most promising directions and regions for the exploration are now being determined. These are: 1) the Mesozoic structures and the sea bottom at Karaton; 2) the region north of Dossor-Makat where high-quality fatty oil is suspected; 3) the north-eastern part of the Caspian depression in the direction from Makat toward Shuburkuduk; and 4) the region between Volga and Ural where abundant natural escape of gas has already been attracting the attention of geologists for a long time. Of the other regions, South Mangyshlak and South Ustyurt are the most promising petroleum deposits. In the time of the Seven-year Plan a number of scientific explorations are planned in Western Kazakhstan, geological surveying of the entire territory of Ustyurt and most of the Caspian depression on a scale 1 : 200 000, seismic exploration, trial drilling and electroexploratory work according to the telluric current method with which the presence of tectonic elements of first and second order has been established. For the exploration of Paleozoic deposits in the central part of the Caspian depression 10 drillings are planned, one of them to be to

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